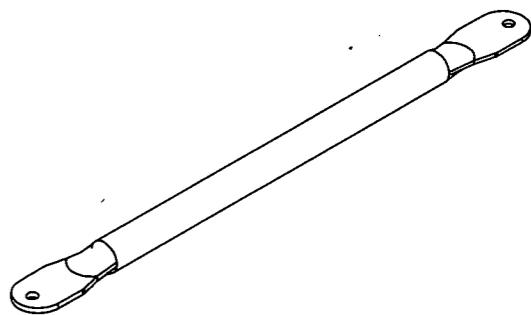
**D2199-XX STRUT**PUNCH BOTH ENDS PER SPEC
CONTROL DRAWING D2638

PART NUMBER	A	B	C	D	WEIGHT (LBS)	FINISH
D2199-1	18.30	17.50	Ø 0.257	Ø 0.257	0.56	NOTE 2
D2199-3	5.80	5.00	Ø 0.257	Ø 0.257	0.17	NOTE 2
D2199-5	22.64	21.84	Ø 0.257	Ø 0.316	0.69	NOTE 2
D2199-7	14.74	13.94	Ø 0.257	Ø 0.257	0.45	NOTE 2
D2199-9	16.52	15.72	Ø 0.257	Ø 0.257	0.50	NOTE 2
D2199-11	23.60	22.80	Ø 0.257	Ø 0.316	0.72	NOTE 2
D2199-13	15.96	15.16	Ø 0.257	Ø 0.257	0.49	NOTE 2
D2199-15	17.57	16.77	Ø 0.257	Ø 0.257	0.54	NOTE 2
D2199-17	28.05	27.25	Ø 0.257	Ø 0.316	0.86	NOTE 2
D2199-19	18.90	18.10	Ø 0.257	Ø 0.257	0.58	NOTE 2
D2199-21	10.80	10.00	Ø 0.257	Ø 0.257	0.33	NOTE 2
D2199-23	26.18	25.38	Ø 0.257	Ø 0.316	0.81	NOTE 2
D2199-25	19.93	19.13	Ø 0.257	Ø 0.257	0.61	NOTE 2
D2199-27	27.34	26.54	Ø 0.257	Ø 0.316	0.84	NOTE 2
D2199-29	21.11	20.31	Ø 0.257	Ø 0.257	0.65	NOTE 2
D2199-31	15.55	14.75	Ø 0.257	Ø 0.257	0.45	NOTE 3

NOTES:

- 1) MATERIAL: AISI 304/316 STAINLESS STEEL ROUND TUBING Ø 0.750 X 0.049 WALL
PER ASTM A213 OR ASME SA213 OR ASTM A269
REF DART SPEC. M304TR0.750W0.049
- 2) FINISH: POWDER COAT "WHITE" (4.3.5.2) PER DART QSI 005 4.3
- 3) FINISH: POWDER COAT GREY SANDTEX (4.3.5.6) PER DART QSI 005 4.3
- 4) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 5) UNITS: INCHES UNLESS OTHERWISE NOTED
- 6) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 7) IDENTIFICATION: IDENTIFY WITH DART P/N "D2199-XX" AND B/N BXXXXXX
PER QSI 044, 6.5.
- 8) WEIGHT: PER CHART
- 9) MAKE PER TEMPLATE DT2199-XX WHERE XX IS THE RESPECTIVE DASH NUMBER.

RELEASED

2015 FEB 04

ECN 15-522

F	INCORPORATED E1. REFORMATTED AND REDRAWN. ADDED -31. ADDED GREY SANDTEX FINISH.	AJS	14.09.26
E	ADDED -23 AND -25 PER TSR A565M. ADDED TEMPLATE & SPEC CTRL. DWG REDRAWN IN CAD	KE	98.04.28
D	ADDED -21	N/A	N/A
C	ADDED -17 AND -19	N/A	N/A
B	ADDED -11, -13 AND -15	N/A	N/A
A	NEW ISSUE	JB	1993
REV.	DESCRIPTION	BY	DATE
DESIGN	JB	DART AEROSPACE LTD	
DRAWN	AJS	HAWKESBURY, ONTARIO, CANADA	
CHECKED	AP	DRAWING NO.	
MFG. APPR.	DD	REV. A	
APPROVED	HS	D2199	SHEET 1 OF 1
DE APPR.	DS	TITLE	STRUT DETAILS
DATE	14.09.26	SCALE	NTS

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APPROVED